

10/521531  
PATENT

S/N Unknown

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	ITO et al.	Examiner:	Unknown
Serial No.:	Unknown	Group Art Unit:	Unknown
Filed:	January 14, 2005	Docket No.:	14633.0006USWO
Title:	A METHOD FOR DEUTERATION OF AN AROMATIC RING		

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 495867987 US

Date of Deposit: January 14, 2005

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Mail Stop PCT, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 

Name: David Ortiz

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Mail Stop PCT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. Enclosed for the Examiner's information is a copy of the International Search Report. At least some of the references were recently cited in an International Search Report mailed August 26, 2003.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. § 1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

A copy of any foreign patent document or "Other Document" listed on the Form 1449 is enclosed, in accordance with 37 C.F.R. § 1.98(a)(2). Because this application was filed after June 30, 2003, copies of the U.S. Patents and U.S. patent publications listed on the enclosed Form 1449 are not provided.

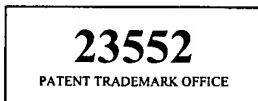
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No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

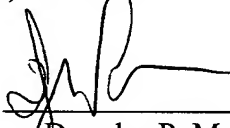
Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,



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Dated: January 14, 2005

By:   
Douglas P. Mueller  
Reg. No. 30,300

DPM/sbd

Date Mailed: January 14, 2005

Sheet 1 of 1

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: <b>10/521531</b> 14633.0006USWO		Application Number: Unknown
	Applicant: ITO et al.		
	Filing Date: January 14, 2005	Group Art Unit: Unknown	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	3,849,458	11/1974	Dinh-Nguyen et al.				

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	47-12567	06/1972	Japan			Abstract	
	62-56441	03/1987	Japan			Abstract	
	63-30435	02/1988	Japan			Abstract	
	63-30450	02/1988	Japan			Abstract	
	63-198638	08/1988	Japan			Abstract	
	6-228014	08/1994	Japan			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Baker et al., "Aromatic Reactivity. Part XX. Diphenyl Sulphide, Dibenzofuran, and Dibenzothiophen in Detritiation", Chemical Abstracts (1961); 56: 5077-5081
		Werstiuk et al., "The High Temperature and Dilute Acid (HTDA) Procedure as a General Method of Replacing Aromatic Hydrogen by Deuterium. II", Canadian Journal of Chemistry (1974); 52: 2169-2171
		Junk et al., "Preparative Supercritical Deuterium Exchange in Arenes and Heteroarenes", Tetrahedron Letters (1996); 37: 3445-3448
		Usov et al., "Determination of a Fraction of Spin-Correlated Radical Ion Pairs in Irradiated Alkanes by Quantum Oscillation Technique", Radiation Physics and Chemistry (1997); 49: 237-243

**23552**

PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	